51. (Amended) A nucleic acid molecule as claimed in claim 50 wherein the nucleotide sequence encodes the amino acid sequence shown in Fig. 4 (SEQ ID No. 1) from initiator codon 295 to terminator codon 1035.

52. (Amended) A nucleic acid molecule as claimed in claim 51 wherein the nucleotide sequence is shown in Fig. 4 (SEQ ID No. 1) from initiator codon 295 to terminator codon 1035.

53. (Amended) A nucleic acid molecule as claimed in claim 50 wherein the nucleotide sequence is at least 90% identical to the one shown in Fig. 4 (SEQ ID No. 1) from initiator codon 295 to terminator codon 1035.

54. (Amended) A nucleic acid as claimed in claim 50 further comprising an inducible promoter region of the nucleotide sequence encoding the *R. corallina ohp* operon described in Fig. 3 (SEQ ID No. 1) wherein the Regulator (REG) protein controls transcriptional initiation of said inducible promoter region.

55. (Amended) A nucleic acid as claimed in claim 54 wherein the promoter region is the ohp promoter region which lies between genes orfR regulatory gene (terminator codon 1035) and orfT transport (initiator codon 1450) shown in Fig. 4 (SEQ ID No. 1) or is a modified inducible promoter region which is at least 90% identical to said *ohp* promoter

region.

57. (Amended) A vector as claimed in claim 56 comprising one or more of the following: luxAB signal genes; sacB gene; antibiotic resistance; RP4/RK2 mobilizing elements.

Please add new claim 61, as follows:

61. (New) A method of introducing an operon protein into a host cell, which operon protein is the regulator (REG) protein of the *R. corallina ohp* operon or a modification thereof, said method comprising the step of transforming said host cell with a vector as claimed in claim 56.

Cancel claim 58.

Marked-up versions of the replacement paragraphs for page 22 of the specification, the primers disclosed at pages 35 and 36 and amended claims 34, 50-55 and 57 are attached hereto.

Please insert, after the claims, the attached "Abstract of the Disclosure".